

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090920\
 Data File : BG046576.D
 Acq On : 9 Sep 2020 17:16
 Operator : CG/JU
 Sample : L3932-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-218

Quant Time: Sep 09 17:59:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

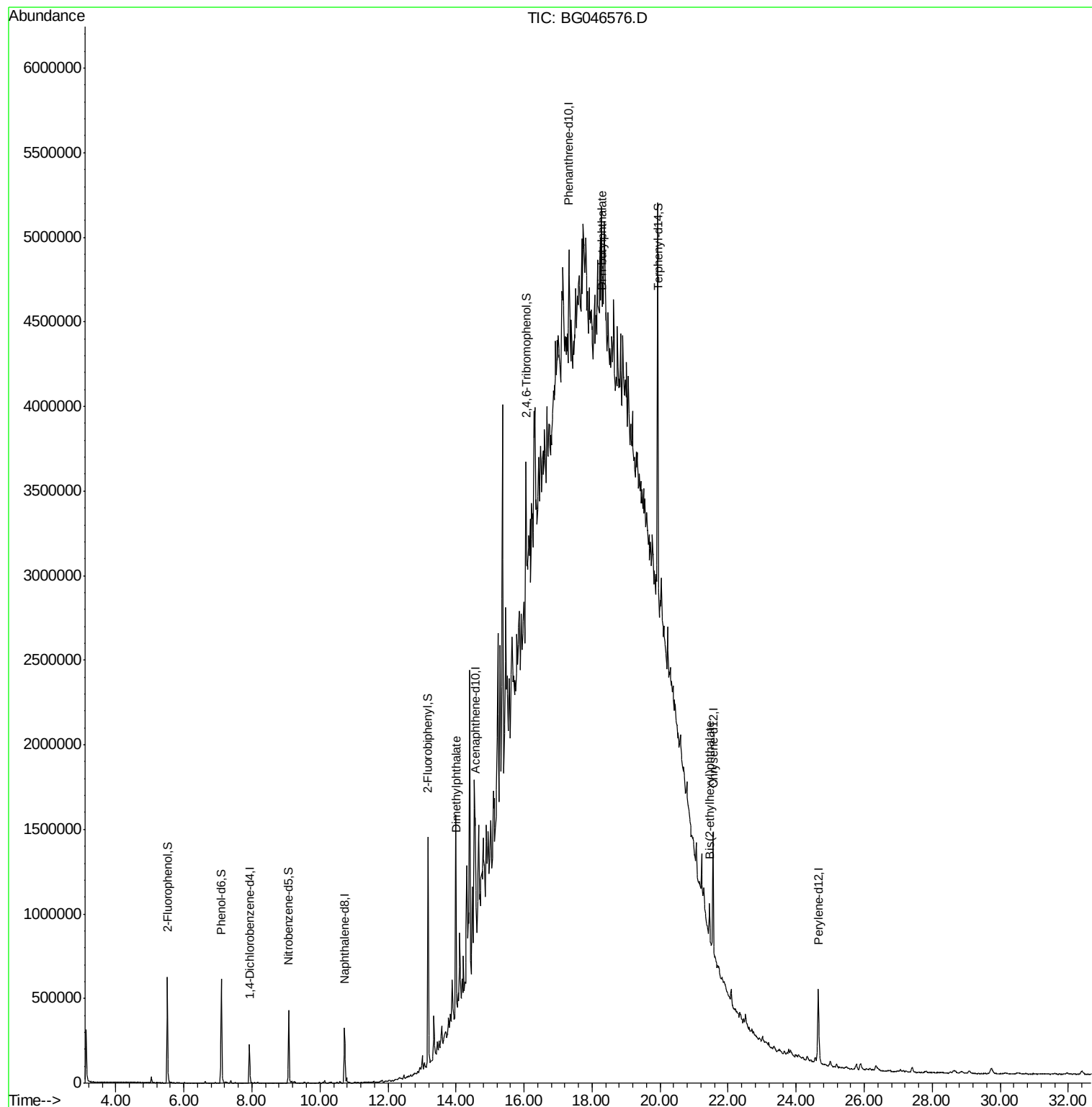
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	72912	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	308577	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	190877	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	372264	20.00	ng	0.00
76) Chrysene-d12	21.56	240	437576	20.00	ng	0.00
86) Perylene-d12	24.65	264	455884	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	303019	73.61	ng	0.00
7) Phenol-d6	7.10	99	398914	68.36	ng	0.00
23) Nitrobenzene-d5	9.08	82	285050	52.80	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	171545	66.33	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	769354	61.53	ng	0.00
79) Terphenyl-d14	19.93	244	1019260	49.57	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.01	163	100476	6.804	ng	# 84
74) Di-n-butylphthalate	18.28	149	89121	4.409	ng	# 54
84) Bis(2-ethylhexyl)phthalate	21.45	149	32588	2.197	ng	# 87

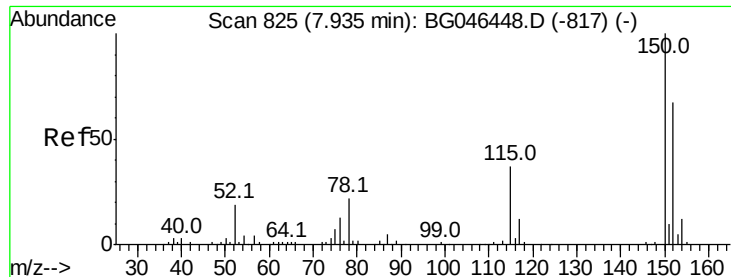
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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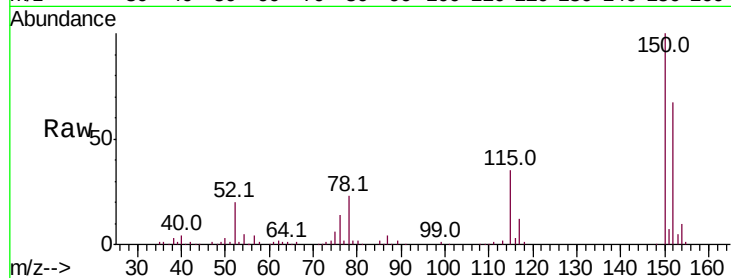


#1

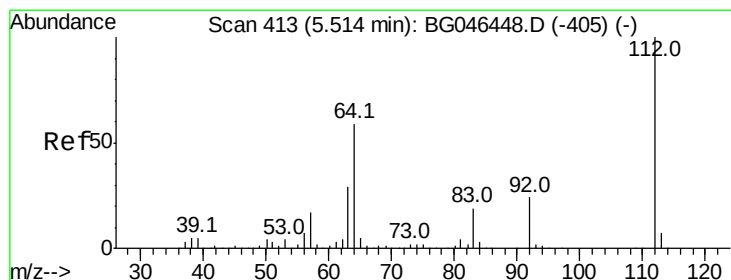
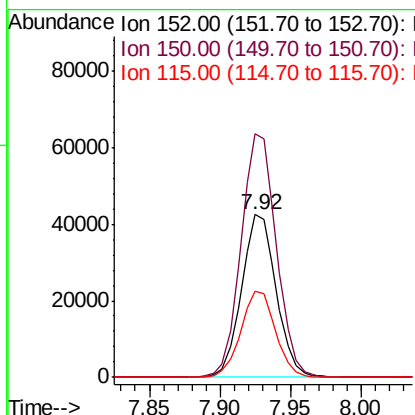
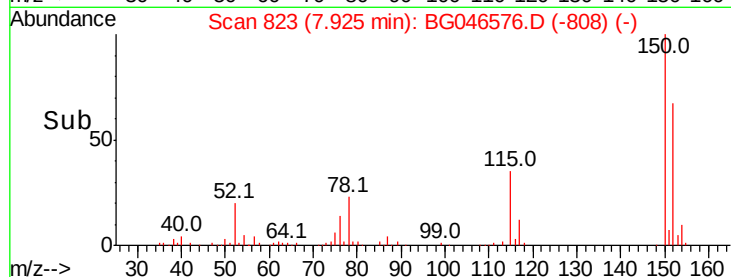
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG046576.D
Acq: 9 Sep 2020 17:16

Instrument :
BNA_G
ClientSampleId :
VNJ-218

Tot Ion:152 Resp: 72912
Ion Ratio Lower Upper
152 100
150 149.6 119.5 179.3
115 52.9 44.3 66.5



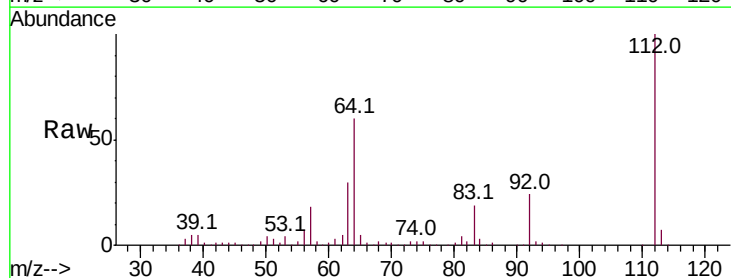
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



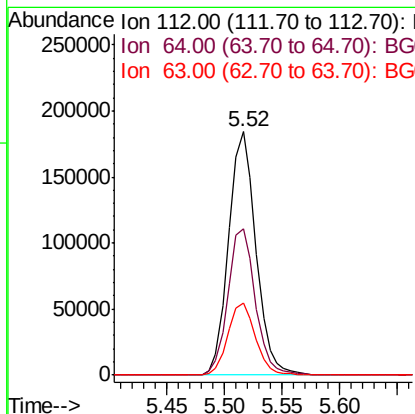
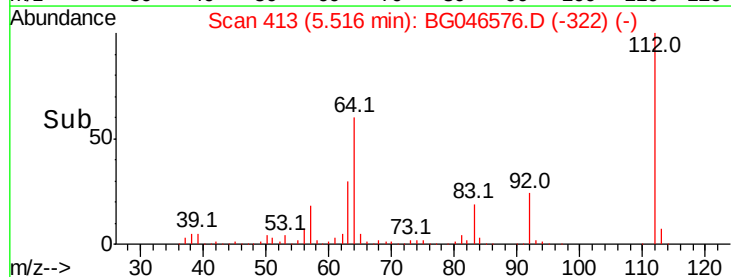
#5

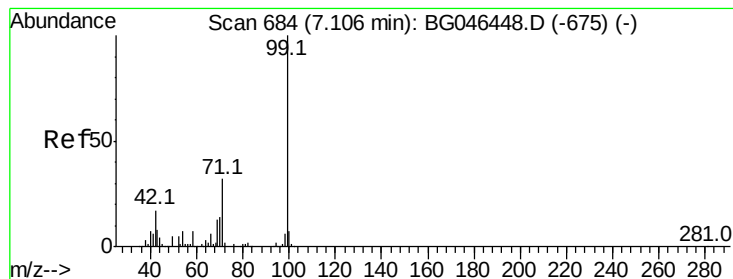
2-Fluorophenol
Concen: 73.610 ng
RT: 5.52 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046576.D
Acq: 9 Sep 2020 17:16

Tgt Ion:112 Resp: 303019
Ion Ratio Lower Upper
112 100
64 59.9 47.0 70.6
63 29.8 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 68.358 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046576.D

Acq: 9 Sep 2020 17:16

Instrument :

BNA_G

ClientSampleId :

VNJ-218

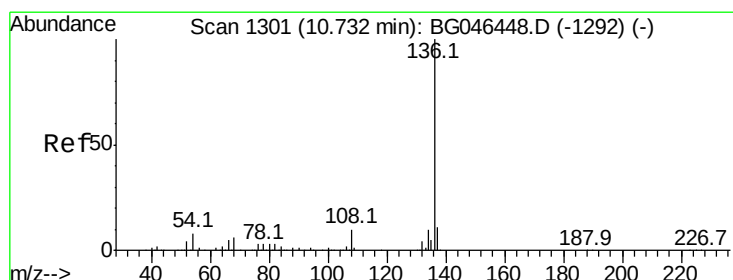
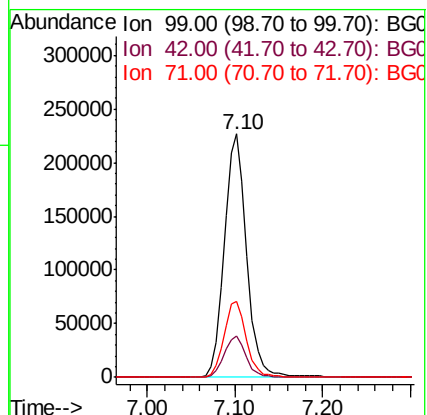
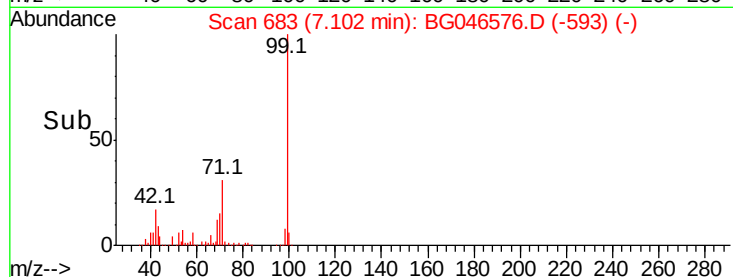
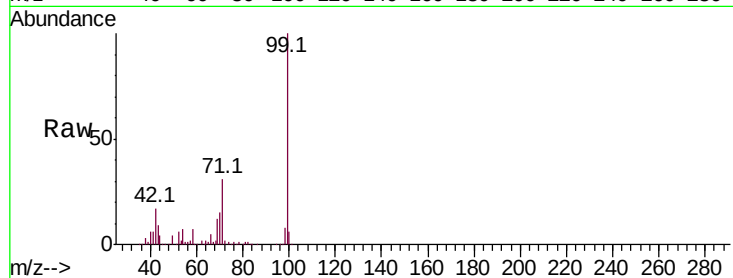
Tot Ion: 99 Resp: 398914

Ion Ratio Lower Upper

99 100

42 16.8 13.3 19.9

71 31.0 25.3 37.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.72 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BG046576.D

Acq: 9 Sep 2020 17:16

Tgt Ion: 136 Resp: 308577

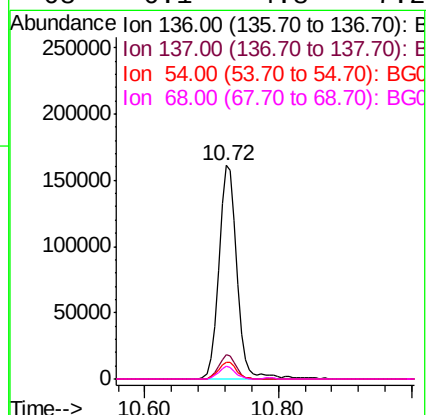
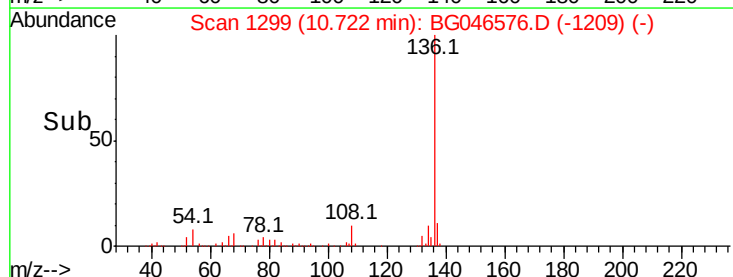
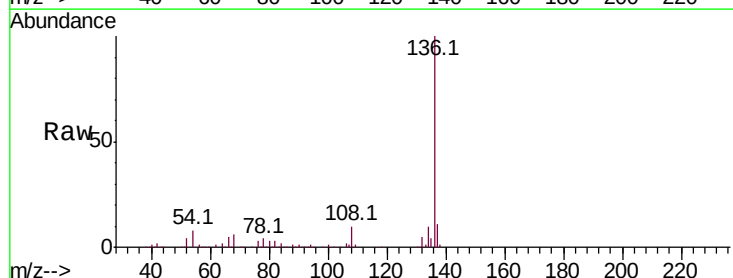
Ion Ratio Lower Upper

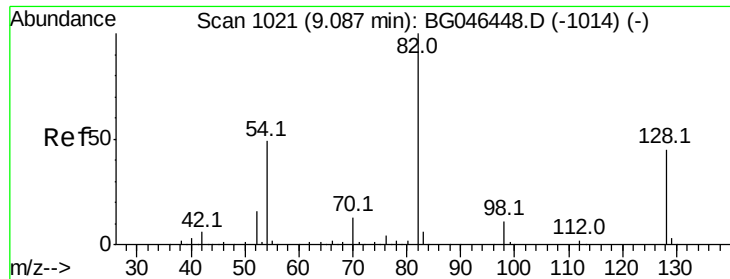
136 100

137 11.2 8.8 13.2

54 7.9 6.1 9.1

68 6.1 4.8 7.2

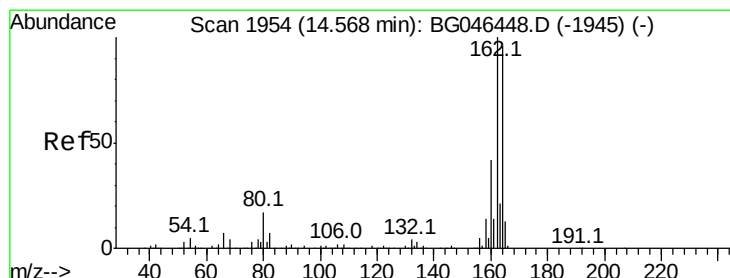
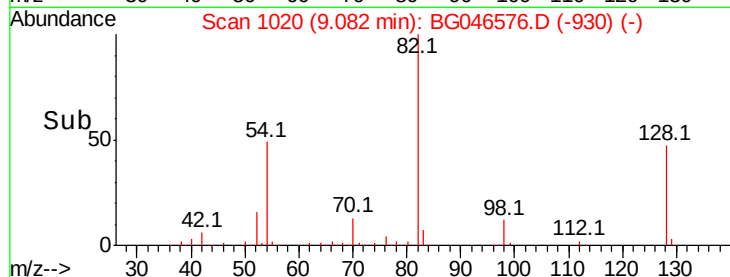
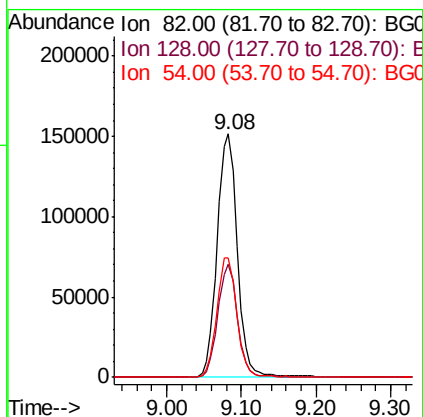
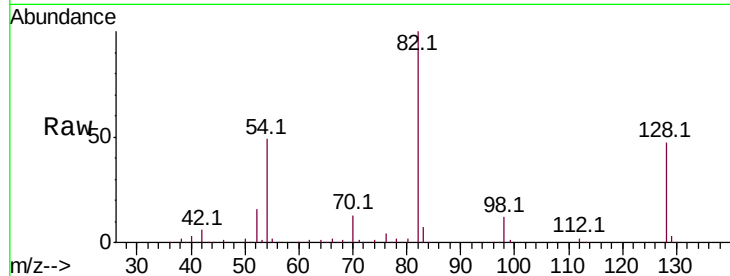




#23
Nitrobenzene-d5
Concen: 52.797 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046576.D
Acq: 9 Sep 2020 17:16

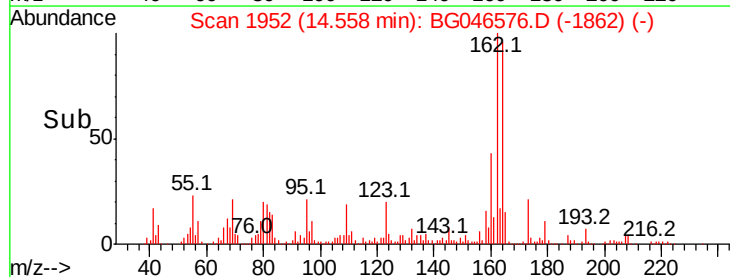
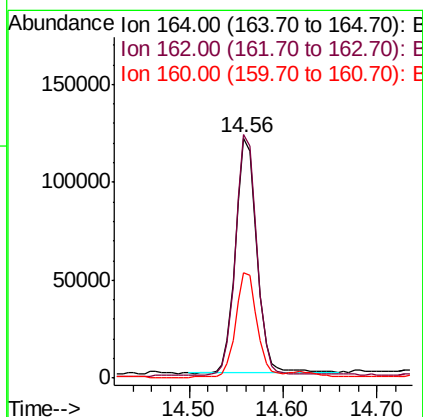
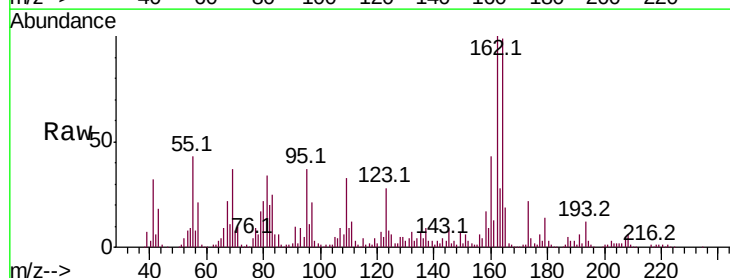
Instrument :
BNA_G
ClientSampleId :
VNJ-218

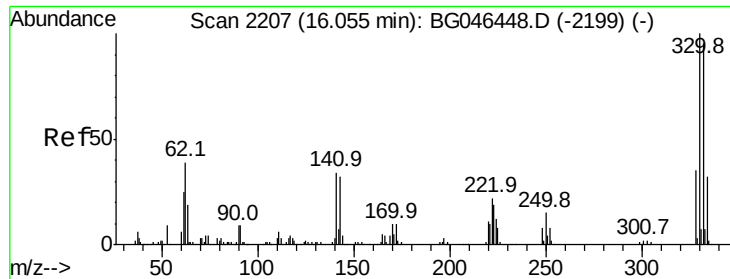
Tot Ion	82	Resp	285050
Ion Ratio	Lower	Upper	
82	100		
128	46.5	35.7	53.5
54	49.1	39.4	59.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BG046576.D
Acq: 9 Sep 2020 17:16

Tgt Ion	164	Resp	190877
Ion Ratio	Lower	Upper	
164	100		
162	101.4	83.3	124.9
160	44.0	35.0	52.6

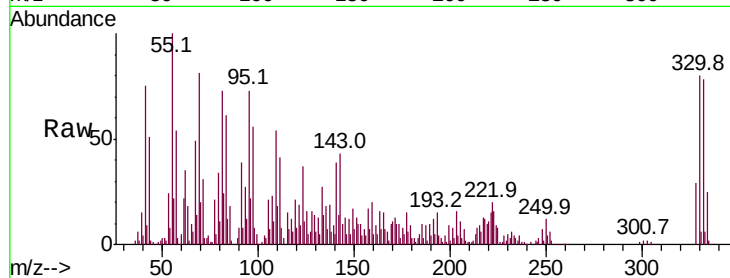




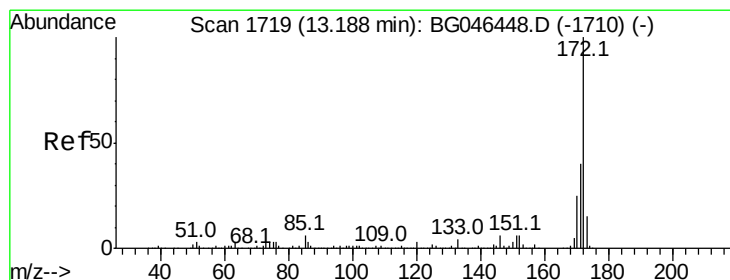
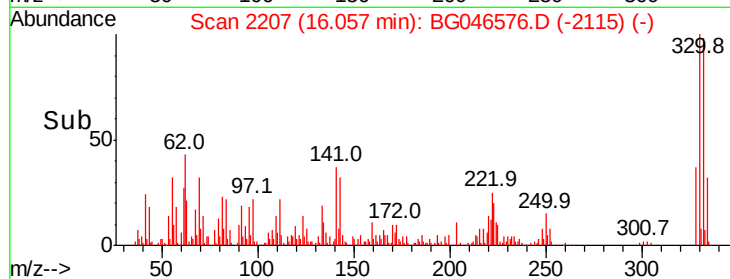
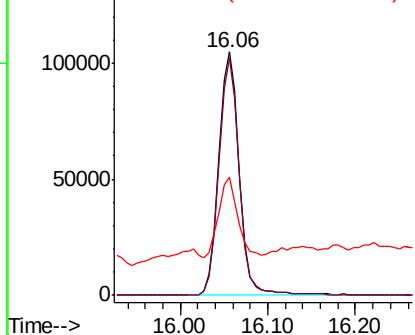
#42
 2,4,6-Tribromophenol
 Concen: 66.330 ng
 RT: 16.06 min Scan# 2207
 Delta R.T. 0.01 min
 Lab File: BG046576.D
 Acq: 9 Sep 2020 17:16

Instrument :
 BNA_G
 ClientSampled :
 VNJ-218

Tot Ion:330 Resp: 171545
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.1 114.1
 141 30.8 26.1 39.1

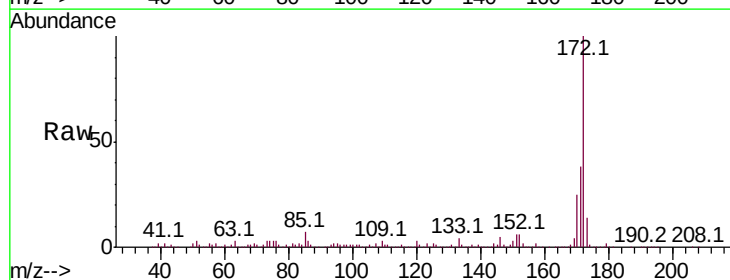


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

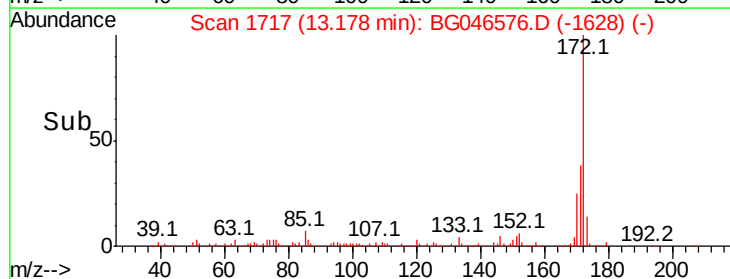
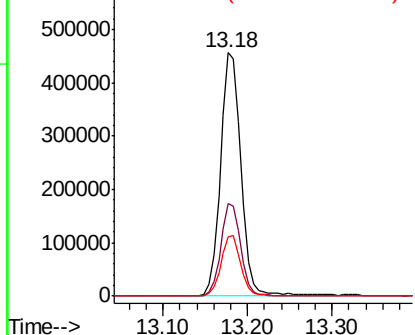


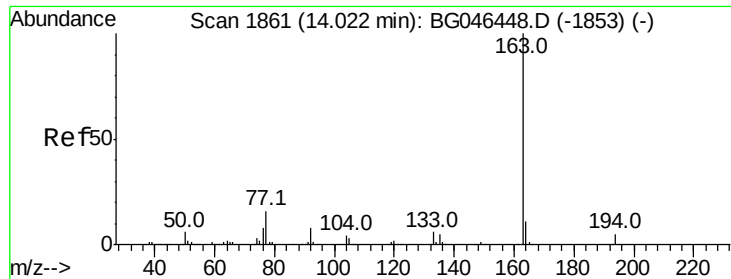
#45
 2-Fluorobiphenyl
 Concen: 61.530 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG046576.D
 Acq: 9 Sep 2020 17:16

Tgt Ion:172 Resp: 769354
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.8 47.6
 170 24.5 20.3 30.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.804 ng

RT: 14.01 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG046576.D

Acq: 9 Sep 2020 17:16

Instrument :

BNA_G

ClientSampleId :

VNJ-218

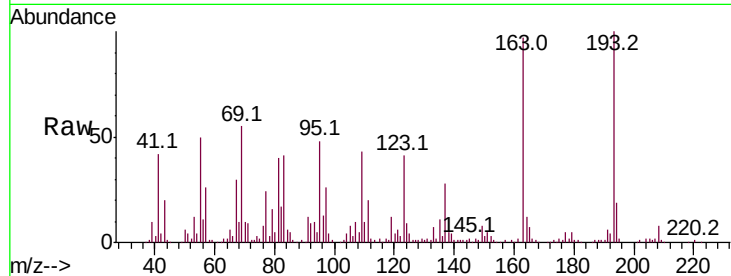
Tot Ion:163 Resp: 100476

Ion Ratio Lower Upper

163 100

194 19.5 3.7 5.5#

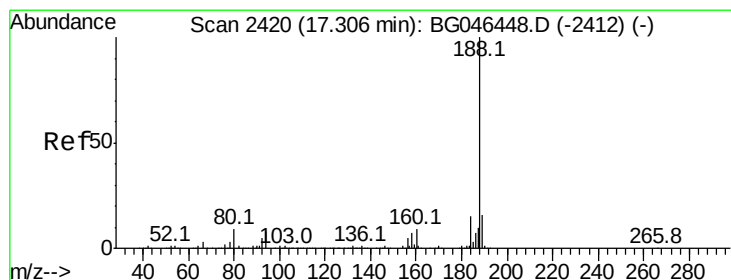
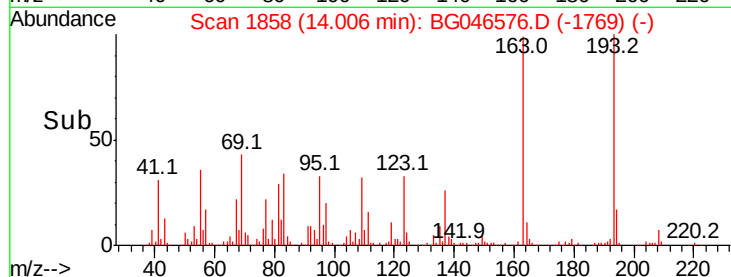
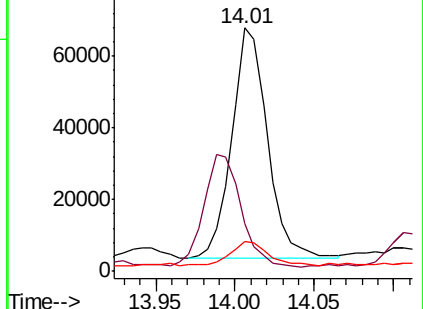
164 12.1 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2421

Delta R.T. 0.01 min

Lab File: BG046576.D

Acq: 9 Sep 2020 17:16

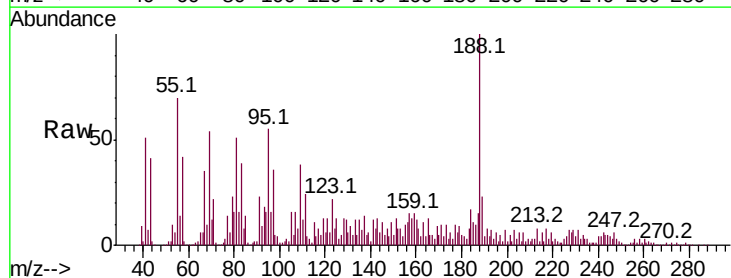
Tgt Ion:188 Resp: 372264

Ion Ratio Lower Upper

188 100

94 16.0 6.3 9.5#

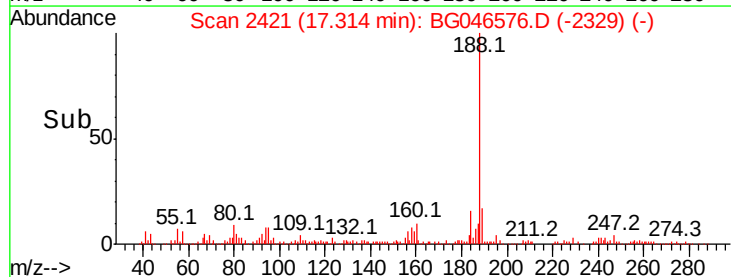
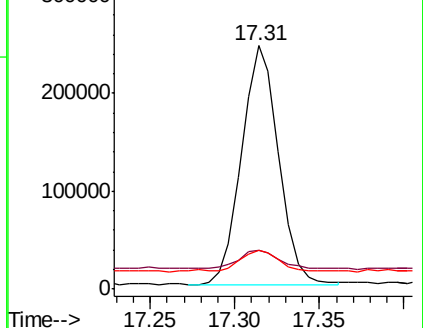
80 16.2 6.9 10.3#

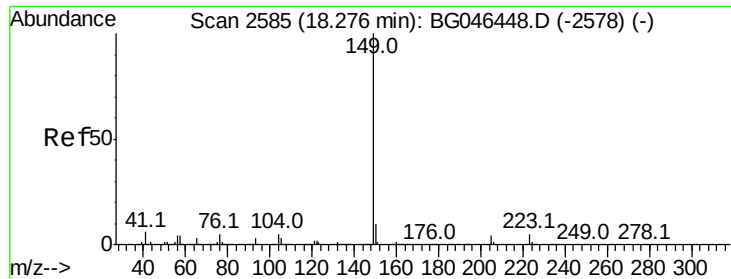


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

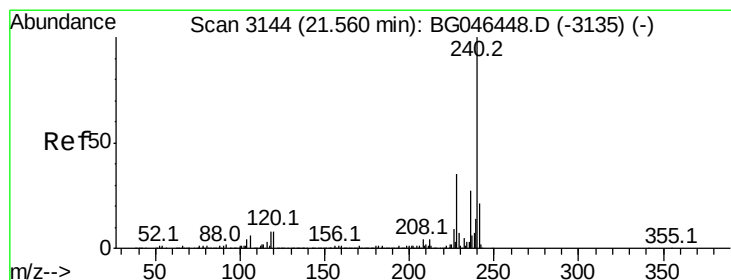
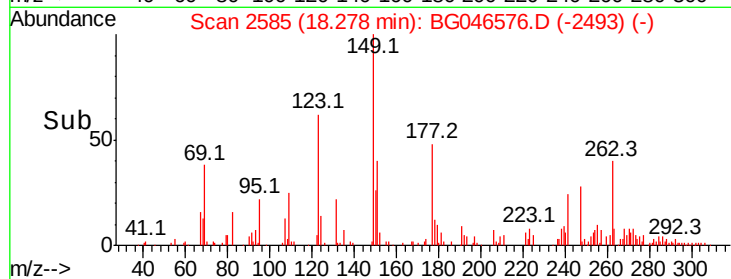
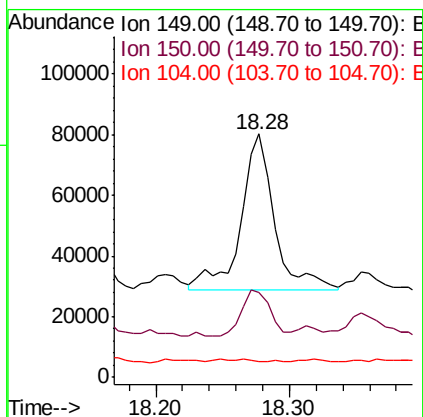
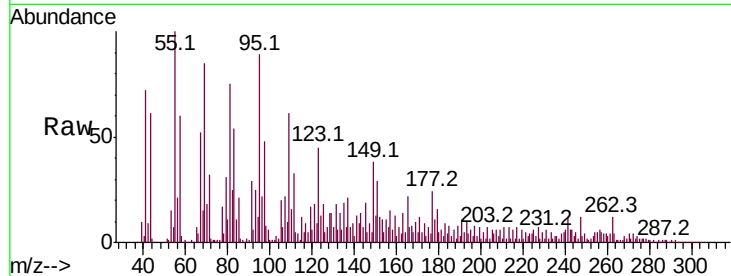




#74
Di-n-butylphthalate
Concen: 4.409 ng
RT: 18.28 min Scan# 2585
Delta R.T. 0.01 min
Lab File: BG046576.D
Acq: 9 Sep 2020 17:16

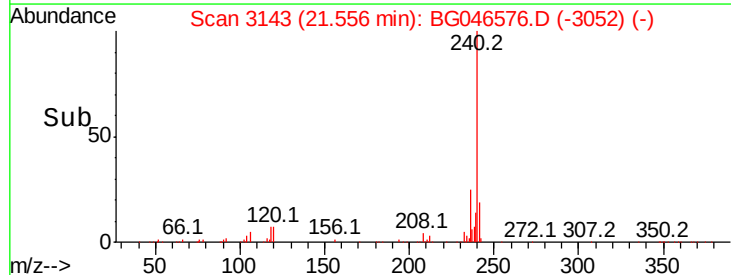
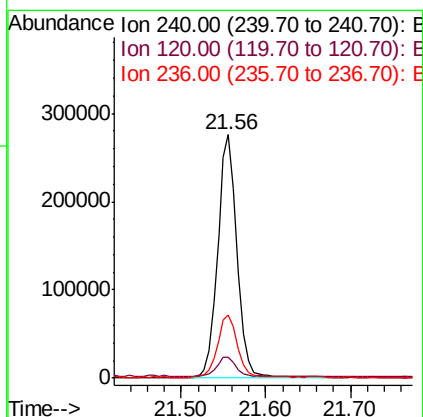
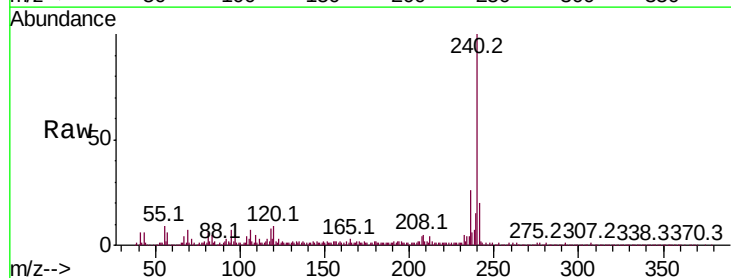
Instrument :
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ClientSampleId :
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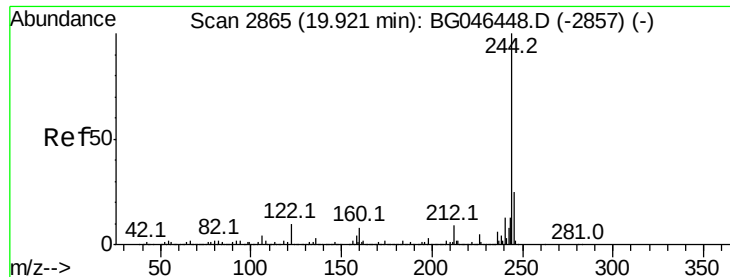
Tot Ion:149 Resp: 89121
Ion Ratio Lower Upper
149 100
150 35.1 8.1 12.1#
104 6.5 4.0 6.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BG046576.D
Acq: 9 Sep 2020 17:16

Tgt Ion:240 Resp: 437576
Ion Ratio Lower Upper
240 100
120 8.6 6.6 10.0
236 26.0 21.4 32.2





#79

Terphenyl-d14

Concen: 49.572 ng

RT: 19.93 min Scan# 2866

Delta R.T. 0.01 min

Lab File: BG046576.D

Acq: 9 Sep 2020 17:16

Instrument :

BNA_G

ClientSampleId :

VNJ-218

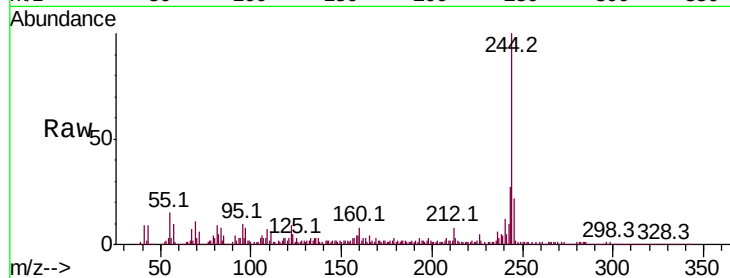
Tot Ion:244 Resp: 1019260

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

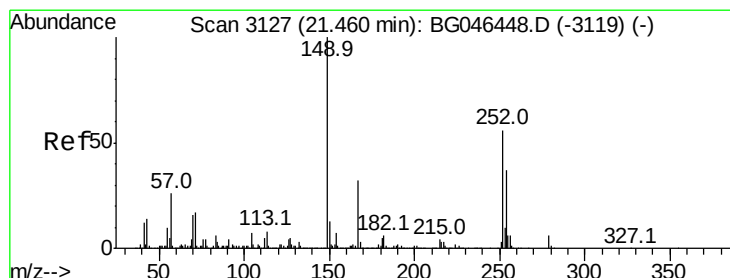
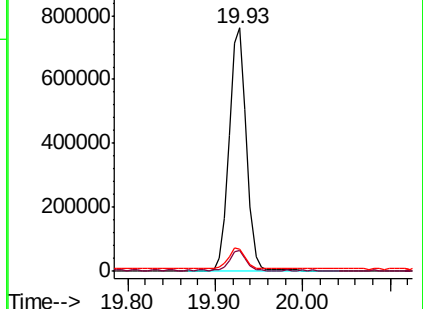
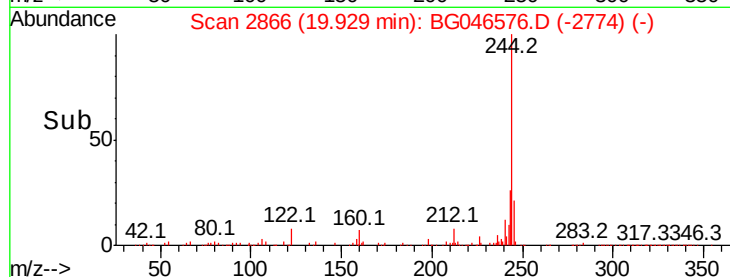
122 9.2 8.2 12.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.197 ng

RT: 21.45 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BG046576.D

Acq: 9 Sep 2020 17:16

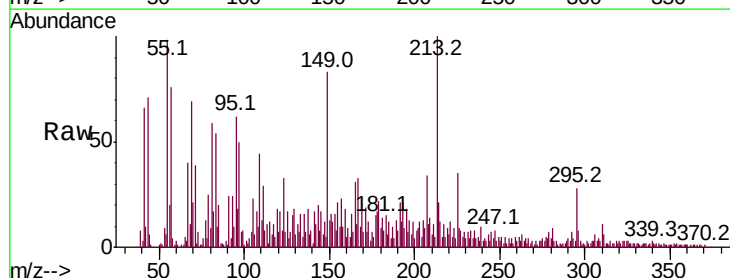
Tgt Ion:149 Resp: 32588

Ion Ratio Lower Upper

149 100

167 39.3 25.4 38.2#

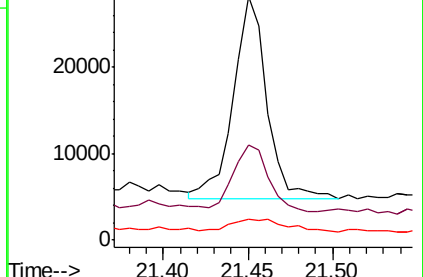
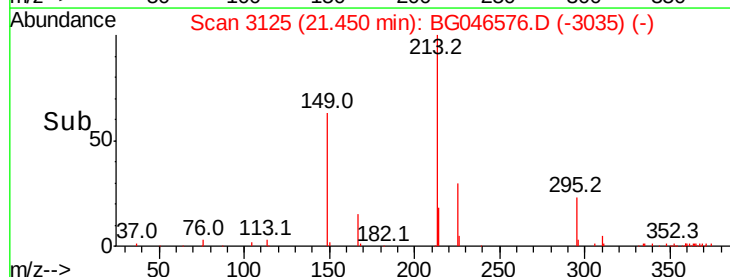
279 8.6 4.5 6.7#

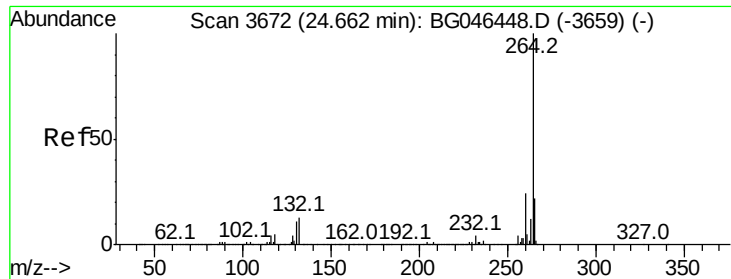


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.65 min Scan# 3669
 Delta R.T. -0.01 min
 Lab File: BG046576.D
 Acq: 9 Sep 2020 17:16

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-218

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.9	17.9	26.9

